

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (previously presented): An easily retrieved biological specimen pouch comprising:
a flexible wall (1-1), an open end (1-2) and a closed end (1-3), and said specimen pouch (1) is configured for receiving a biological specimen (9) during micro-invasive surgery through a small incision in a patient therein;

A) said flexible wall of the open end of the specimen pouch has discontinuous serration (1-4);

B) on said serration (1-4), there are slots (1-5) through which a string can pass, wherein the string opens and closes the specimen pouch, wherein the string opens the specimen pouch when heated,
wherein said slots (1-5) are shaped in the open end (1-2) of the specimen pouch by a thermoplastic jointing of the flexible wall (1-1), and then the flexible wall (1-1) of the open end (1-2) is cut into said discontinuous serration (1-4);
wherein one end of the said string (2) is connected with a slipknot or slip block (7), a noose structure is formed when the other end passes through the slots (1-5) in the serration (1-4) of the open end in the specimen pouch and then the slipknot or slip block (7).

Claim 2 (previously presented): The biological specimen pouch according to claim 1, wherein

said string (2) is made of any materials which can save the changed shape and return to the original or near the original shape when disentangled.

Claim 3 (previously presented): The biological specimen pouch according to claim 2, wherein said string (2) is made of the following materials: shape memory alloy wires or pieces or alloy spring steel.

Claim 4 (previously presented): The biological specimen pouch according to claim 1, wherein said string is an open spring (3) made of any materials which can save a changed shape and return to an original shape or near the original shape when disentangled.

Claim 5 (original): The biological specimen pouch according to claim 4, wherein said open spring (3) is made of the following materials: shape memory alloy wires, shape memory alloy pieces and alloy spring steel.

Claim 6 (previously presented): The biological specimen pouch according to claim 1, wherein said string is a retrieval noose (4) and is made of wires of macromolecule materials, compound materials or metal materials.

Claim 7 (original): The biological specimen pouch according to claim 1, wherein said flexible wall (1-1) of the specimen pouch is made of the soft macromolecule materials or compound

materials.

Claim 8 (original): The biological specimen pouch according to claim 1, wherein said flexible wall (1-1) of the specimen pouch is made of the soft macromolecule materials or compound materials which are enhanced by metal net or synthetic fibre.

Claim 9 (original): The biological specimen pouch according to claim 1, wherein said flexible wall (1-1) of the specimen pouch is made of the soft macromolecule materials or compound materials which are enhanced by memory alloy fibre net or synthetic fibre net.

Claim 10 (original): The biological specimen pouch as claimed in any one of claims 7 to 9, wherein said soft macromolecule materials are selected from the following elastomer or polymer materials: Silicon Rubber, Polyurethane, Polyethylene, Polypropylene, Silicone, Ethenoid Resin and Polytetrafluoroethylene.

Claim 11 (previously presented): The biological specimen pouch according to claim 1, wherein said string (2) is connected to a distant end (5-1) of an inner sheath (5), and the specimen pouch (1) is installed in front of the distant end (5-1) of the inner sheath and inside a distant end (6-1) of an outer sheath (6).

Claim 12 (canceled)

Claim 13 (original): The biological specimen pouch according to claim 1, wherein said the relative position of the outer sheath (5) and inner sheath (6) is fixed by the orientation button (8).

Claim 14 (original): The biological specimen pouch according to claim 1, wherein said open end (1-2) of the specimen pouch is colored distinctly from the biological specimen (9) observed under the endoscopic equipment.

Claim 15 (previously presented): A biological specimen retrieval pouch comprising:
a flexible wall;
an open end and a closed end, wherein the specimen retrieval pouch is configured for receiving a biological specimen during micro-invasive surgery through a small incision in a patient therein, the flexible wall of the open end of the specimen pouch has discontinuous serration, the serration includes channels through which a pouch deployment and retrieval string can pass, wherein the string opens the specimen pouch when heated.

Claim 16 (previously presented): The biological specimen retrieval pouch of claim 15, wherein the pouch deployment and retrieval string is made of a material having shape memory.

Claim 17 (previously presented): The biological specimen retrieval pouch of claim 16, wherein the pouch deployment and retrieval string returns to its original shape based on temperature.

Claim 18 (previously presented): The biological specimen retrieval pouch of claim 17, wherein the temperature is in the range of 15°C–33°C.

Claim 19 (previously presented): A biological specimen retrieval pouch comprising:

a flexible wall;

an open end and a closed end, wherein the specimen retrieval pouch is configured for receiving a biological specimen during micro-invasive surgery through a small incision in a patient therein, the flexible wall of the open end of the specimen pouch has discontinuous serration, the serration includes channels through which a pouch deployment and retrieval string can pass, wherein the pouch deployment and retrieval string opens and closes the specimen retrieval pouch, wherein the string opens the specimen pouch when heated.

Claim 20 (previously presented): The biological specimen retrieval pouch of claim 16, wherein the pouch deployment and retrieval string returns to an open state based on temperature of a body.